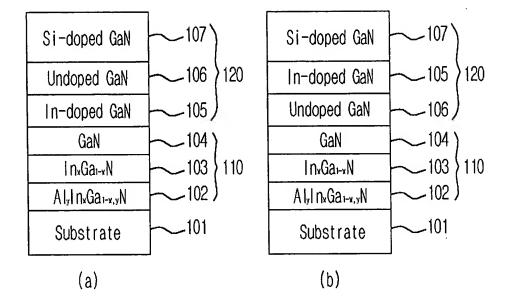
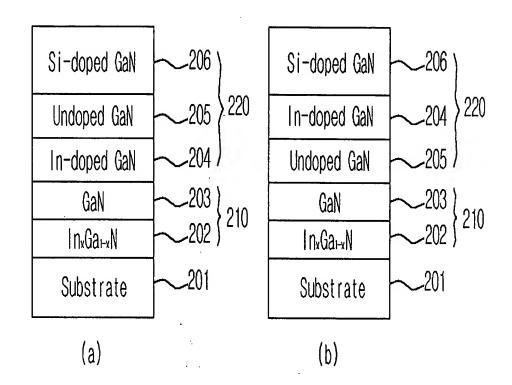
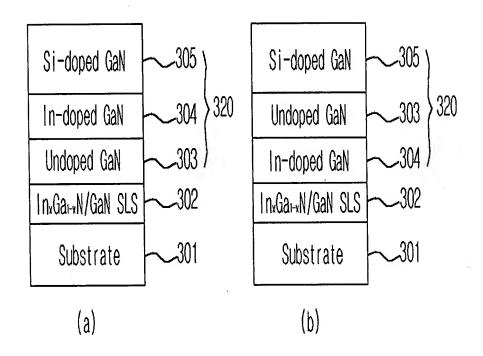
[ FIG. 1 ]



[ FIG. 2 ]



[ FIG. 3 ]





[ FIG. 4 ]

Mg-doped GaN	<del>4</del> 10
lnxGa1-xN / GaN barrier layer	<del></del>
InxGa <sub>1-x</sub> N well layer	408 \
InxGa⊷N / GaN barrier layer	407
InxGai-xN well layer	406
Si-doped GaN	405
Undoped GaN or In-doped GaN	404
In-doped GaN or Undoped GaN	403
Buffer layer	402
Substrate	401